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- b) maintaining the ozone treatment tank at a pressure greater than atmospheric pressure;
 - c) circulating water from the pressurized ozone tank to an ozone injector and injecting ozone into the injector and mixing the ozone with the recirculating water to form a water-ozone mixture and returning the water-ozone mixture to the pressurized ozone treatment tank; [and]
 - d) directing the ozone treated water from the pressurized ozone treatment tank; and
 - e) wherein the pressure of the water entering the inlet side of the injector is greater than the pressure within the treatment tank while the pressure of the water-ozone mixture leaving the injector is approximately equal to the pressure of the ozone treated water within the ozone treatment tank.
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5⁶ (Amended) The method of claim [5]⁴ including sensing the flow of water being directed from the pressurized water source to the ozone treatment tank and actuating the booster pump in response to the flow of water from the pressurized water source into the ozone tank.

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8⁹ (Amended) A method of treating animal house water with ozone comprising:

- a) directing water from a pressurized water source to an ozone treatment tank;

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- b) pumping the water from the ozone treatment tank to a booster pump, and boosting the pressure of the water relative to the pressure of the water in the ozone treatment tank;
 - c) directing the water with the boosted pressure from the booster pump to and through an injector and injecting ozone into the passing water to form a water-ozone mixture;
 - d) directing the water-ozone mixture back to the ozone treatment tank; [and]
 - e) directing the ozone treated water from the ozone treatment tank to an animal watering area where animals drink the ozone treated water; and
 - f) wherein the pressure of the water entering the inlet side of the injector is greater than the pressure of the water contained within the ozone treatment tank while the pressure of the water leaving the injector is approximately equal to the pressure of the water contained in the ozone treatment tank.

A4 14-16- (Amended) The method of claim [15], ⁸ wherein the pressure of the water entering the injector is at least approximately 15% greater than the water in the ozone treatment tank.

Please add new claims 24, 25, and 26 as follows:

A5 16-24. A method of treating water with ozone and discharging the treated water from a pressurized treatment tank on a demand basis, comprising

- a) directing water from a pressurized water supply to an ozone treatment tank;
- b) maintaining the ozone treatment tank at a pressure greater than atmospheric pressure;
- c) circulating water from the pressurized ozone tank to an ozone injector and injecting ozone into the injector and mixing the ozone with the recirculating water to form a water-ozone mixture and returning the water-ozone mixture to the pressurized ozone treatment tank;
- d) directing the ozone treated water from the pressurized ozone treatment tank; and
- e) wherein the pressure associated with the pressurized water supply acts as a pressure source for discharging the ozone treated water from the treatment tank as water from the pressurized water supply is directed into the pressure tank in response to ozone treated water being discharged from the treatment tank, thereby creating an on demand process wherein a supply of ozone treated water is constantly maintained in the pressure tank even while ozone treated water is being discharged from the treatment tank and water from the pressurized water supply is directed into the ozone treatment tank.

17-25 The method of claim ¹⁶24 wherein the pressure of the water entering the inlet side of the injector is greater than the pressure of the water contained within the ozone treatment tank while the pressure of the water leaving the injector is approximately equal to the pressure of the water contained in the ozone treatment tank.

18-26 The method of claim ¹⁶24 wherein the level of ozone treated water in the pressure tank remains generally constant while ozone treated water is discharged from the pressure tank and water from the pressurized water supply is directed into the treatment tank.

Remarks

The comments of the examiner as set forth in the Official Office Action of October 28, 1999 have been carefully studied and reviewed. In this response, claims 2 and 15 have been cancelled without prejudice, claims 1, 6, 9, and 16 have been amended and new claims 24-26 have been added. For the reasons set forth below, it is respectfully urged that the present application is in condition for allowance and allowance is respectfully requested.

The examiner has indicated that claims 6-8 and 13-16 would be allowable if rewritten in independent form. Accordingly, claim 9 has been amended to include the limitations set forth in claim 15 and therefore claim 9 and all claims depending directly or indirectly therefrom should be allowable.

In addition, claim 1 has been amended to include the limitations set forth in claim 15 and it is believed that this makes claim 1, as amended, allowable over